

**MBNMS Research Activity Panel
Meeting Summary
July 10, 2009**

Host: Mark Carr – Nearshore Ecology (University of California, Santa Cruz)

Location: Center for Ocean Health Building
Long Marine Lab
100 Shaffer Road
Santa Cruz, CA

Date: Friday, July 10th, 2009; 9:00 am to 12:00 pm

Members:

	Discipline	Primary/ Alternate	Name	Institution
X	Research Coordinator		DeVogelaere, Andrew	Monterey Bay National Marine Sanctuary
	Biological Oceanography	primary	Chavez, Francisco	Monterey Bay Aquarium Research Institute
	Biological Oceanography	alternate	Kudela, Raphael	University of California, Santa Cruz
X	Deep-Sea Ecology	primary	Cailliet, Greg	Moss Landing Marine Laboratories
	Deep-Sea Ecology	alternate		
X	Estuarine Ecology	primary	Wasson, Kerstin	Elkhorn Slough NERR and Foundation
	Estuarine Ecology	alternate	Van Dyke, Eric	Elkhorn Slough NERR and Foundation
	Fisheries	primary	Grimes, Churchill	NOAA Fisheries Service
	Fisheries	alternate	Vasques, Jason	California Department of Fish & Game
X	Marine & Coastal Geology	primary	Storlazzi, Curt	United States Geological Survey
	Marine & Coastal Geology	alternate	Paull, Charles	Monterey Bay Aquarium Research Institute
X	Marine Conservation Biology	primary	Harrold, Chris*	Monterey Bay Aquarium
	Marine Conservation Biology	alternate	Micheli, Fiorenza	Hopkins Marine Station
	Marine Policy	primary		
X	Marine Policy	alternate	Sharp, Gary	Center for Climate/Ocean Resources Study
	Nearshore Ecology	primary	Lindholm, James	California State University Monterey Bay
X	Nearshore Ecology	alternate	Carr, Mark	University of California, Santa Cruz
	Physical Oceanography	primary	McPhee-Shaw, Erika	Moss Landing Marine Laboratories
	Physical Oceanography	alternate	Ramp, Steve	CeNCOOS/MBARI
	Shelf & Slope Ecology	primary	Yoklavich, Mary	NOAA Fisheries Service
X	Shelf & Slope Ecology	alternate	Starr, Rick	California Sea Grant Extension Program
X	Social Sciences	primary	Pomeroy, Caroline	California Sea Grant Extension Program
	Social Sciences	alternate	Kildow, Judith	Monterey Bay Aquarium Research Institute
	Water Quality	primary	Epel, David	Hopkins Marine Station
X	Water Quality	alternate	Hunt, John†	University of California, Davis

*Sanctuary Advisory Council Member: Research (Primary)

†Sanctuary Advisory Council Member: Research (Alternate)

GUESTS:

	Name	Institution
X	Choy, Steve	Monterey Bay National Marine Sanctuary
X	Eng, Mike	Monterey Bay National Marine Sanctuary
X	Higgason, Kelley	Gulf of the Farallones National Marine Sanctuary
X	LaFranchi, Chris	West Coast Regional Office, National Marine Sanctuaries
X	Lonhart, Steve	Monterey Bay National Marine Sanctuary
X	Roletto, Jan	Gulf of the Farallones National Marine Sanctuary
X	Scheiblaue, Steve	City of Monterey
X	Selbie, Hugo	PISCO; University of California, Santa Cruz
X	Wolfe, John	REEF
X	Wooninck, Lisa	Monterey Bay National Marine Sanctuary

CONSENT ITEMS**Introductions/Modifications to the Agenda (Chris Harrold)****HOST PRESENTATION AND DISCUSSION****Science Informing the MLPA (Mark Carr)**

- Mark gave a presentation on the science in the MLPA process, including:
 - Role of the Science Advisory Team
 - Design guidelines related to MPA goals
 - Components of network design (e.g., size, spacing, levels of protection)

MBNMS FEDERAL MPAs INITIATIVE AND DISCUSSION**RAP's Role in MBNMS Federal MPAs Initiative (Mike Eng)**

- Mike gave an update on the process and timeline of the MBNMS Federal MPA Initiative
- The MBNMS is in the beginning stages of conducting an Integrated Ecosystem Assessment (IEA) to assess the status of marine ecosystems and their components
- Next steps include:
 - Convening an MBNMS/NMFS interagency team to develop a proposed framework for collaboratively pursuing an IEA
 - Update to SAC (August 21st)
 - Joint proposal by NMFS/MBNMS to PFMC (September 13th)
 - Prepare joint cross-cutting proposal to NOAA
 - Recruit additional participants
 - Begin scoping process (early 2010)
- At this time, the MBNMS is developing inter-agency collaborations, and not requesting the RAP's involvement

DISCUSSION ITEM

June 19th SAC Meeting Debrief (Chris Harrold)

- Chris provided an update on the June SAC meeting
- Agenda items included:
 - Ocean Acidification
 - Oil drilling in and around CINMS
 - Thank You Ocean Campaign
 - Enforcement Working Group update
 - MPA Process
 - FOIA request made by coalition for sustainable fishing
 - Monterey County Recycling Center and Desal
- For more info, see SAC website
 - Agenda: <http://montereybay.noaa.gov/intro/advisory/sacagendas.html>
 - Minutes: http://montereybay.noaa.gov/intro/advisory/sac_min.html

STAFF/SAC REQUESTS TO RAP

Ocean Acidification and the MBNMS (Chris Harrold)

- SAC Action Item: MBNMS SAC approved the recommendations of the CINMS Ocean Acidification Report
- RAP provided recommendations and advice to MBNMS regarding the issue
- Chris Harrold will provide written recommendations from the RAP to the MBNMS

SUGGESTED FUTURE AGENDA ITEMS

- Presentations:
 - MBNMS Desal Guidelines (Brad Damitz)
 - CeNCOOS (or other OOS group) to inform/update RAP/SAC on current ocean acidification monitoring activities
 - National Weather Service Forecast Office (Tom Evans, Warning Coordination Meteorologist)
 - Offshore Membrane Enclosures for Growing Algae (OMEGA; Jonathan Trent, NASA-AMES)
- Discussions:
 - Balanced scientific discussion on ocean acidification/climate change (MBARI)
 - Sanctuary Currents Symposium Theme for 2010
 - Filling RAP open seats (Deep Sea, Marine Policy, Social Science)
 - California State Furloughs and RAP Members – reschedule meetings?
- Updates:
 - Expiration of 3-year Terms in November 2009 (16 members)

Future Agenda Items (running list):

- Water Quality
 - Critical coastal areas presentation (ASBS, areas water quality impaired, areas in good state; Ross Clark)
- SIMoN
 - SIMoN Special Status Species Project (Jennifer Brown)
 - Linking SIMoN to management (Amber Szoboszlai)
- MPAs
 - State MPA monitoring projects (Jason Vasques)
- Communication Partnership for Science and the Sea (COMPASS)
- Wave Model Development and Implementation (Paul Wittmann/Fleet Numerical)
- Data integration across monitoring programs (e.g., water quality, PISCO, MARINE, IOOS), and availability to the public
- MARS cable (per Kildow, speaker = Marcia or other, schedule when MBARI hosts)
- Recent event: Supreme Court allows Navy Sonar (per John Hunt)
- NOAA Twin Otter plane comes to Monterey
- Predicting sea level rise for the state of California (Larry Breaker, JPL, OPC)
- CeNCOOS update (new website; activities)
- High-res models of CA (Cayan or Dettinger/USGS)

2009 RAP Meeting Schedule and Locations (Revised 3/27/09)

Date	Host	Location
January 9	Lindholm	CSU Monterey Bay
March 13	Harrold	Monterey Bay Aquarium
May 8	Grimes/Yoklavich	NOAA Fisheries, Santa Cruz
July 10	Carr	Long Marine Lab, UC Santa Cruz
September 11	Micheli/Epel	Hopkins Marine Station
November 13	Chavez	MBARI
